

ABSTRACT

Described are implantable devices and methods for treating various disorders of the pelvic floor by means of electrical stimulation of the pudendal or other nerves, and optional means for delivering drugs in association therewith. A method of precisely 5 positioning and implanting a medical electrical lead so as to provide optimal stimulation of the pudendal nerve or a portion thereof is also described. Placement of a stimulation lead next to or on the pudendal nerve may be performed using conventional prior art techniques through gross anatomical positioning, but usually does not result in truly optimal lead placement. One method of the present invention utilizes neurophysiological 10 monitoring to assess the evoked responses of the pudendal nerve, and thereby provide a method for determining the optimal stimulation site. Additionally, one or more electrical stimulation signals are applied, and optionally one or more drugs are infused, injected or otherwise administered, to appropriate portions of a patient's pelvic floor and pudendal nerve or portions thereof in an amount and manner effective to treat a number of 15 disorders, including, but not limited to, urinary and/or fecal voiding dysfunctions such as constipation, incontinence disorders such as urge frequency and urinary retention disorders, sexual dysfunctions such as orgasmic and erectile dysfunction, pelvic pain, prostatitis, prostataalgia and prostatodynia.